Sheet 1 of 9FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-706-02SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
JME	AA	4,482,985	11/13/84	Itoh et al			
JME	AB	5,148,255	09/15/92	Nakazato et al			
JME	AC	4,730,122	03/08/88	Dreibelbis			
JME	AD	4,994,688	02/19/91	Horiguchi et al			
JME	AE	4,943,952	07/90	Terayama			
JME	AF	5,046,052	09/91	Miyaji et al			
JME	AG	5,227,697	07/93	Sakagami			
JME	AH	4,961,166	10/90	Sato			
JME	AI	4,962,482	10/90	Jinbo			
JME	AJ	4,460,835	07/17/84	Masuoka			
JME	AK	5,272,393	12/21/93	Horiguchi et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JME	AL	60-167523	08/30/85	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JME	AM	57-172761	10/23/82	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JME	AN	59-151389	08/29/84	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JME	AO	63-211193	09/02/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JME	AP	60-242585	12/02/85	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JME	AR	IEEE Journal of Solid State Circuits, vol. 23, No. 1, pp 12-18, Feb. 1988.
JME	AS	NEC 4-bit Microprocessor Handbook, p. 148 (no English translation).
JME	AT	Hitachi IC Memory Data Book, Hitachi, Ltd., Tokyo, pp. 44-45, June 1987.

EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 9FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

H-706-02

SERIAL NO.

09/864,338

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

J. Etoh et al

FILING DATE

5/25/01

GROUP

2818

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
JM	AA	3,980,935	9/1976	Worst			
JM	AB	4,161,040	7/1979	Sato			
JM	AC	4,288,865	9/1981	Graham			
JM	AD	4,290,119	9/1981	Masuda et al			
JM	AE	4,399,524	8/1983	Muguruma et al			
JM	AF	4,482,985	11/1984	Itoh et al			
JM	AG	4,539,660	9/1985	Miyauchi et al			
JM	AH	4,794,564	12/1988	Watanabe			
JM	AI	4,833,341	5/1989	Watanabe et al			
JM	AJ	4,855,613	8/1989	Yamada et al			
JM	AK	4,896,297	1/1990	Miyatake et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JM	AL	61-61479	4/1986	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AM	63-179576	7/23/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AN	61-148700	7/7/86	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AO	53-114625	10/6/78	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AP	55-038611	3/18/80	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 3 of 9

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-706-02SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
JM	AA	4,916,667	4/1990	Miyabayashi et al			
JM	AB	4,931,075	6/1990	Kuhn			
JM	AC	4,937,789	6/1990	Matsubara			
JM	AD	4,943,952	7/1990	Terayama			
JM	AE	4,943,960	7/1990	Komatsu et al			
JM	AF	4,952,825	8/1990	Yoshida			
JM	AG	4,982,367	1/1991	Miyatuke			
JM	AH	4,984,202	1/1991	Kawahara et al			
JM	AI	5,046,052	9/1991	Miyaji et al			
JM	AJ	4,780,850	10/1988	Miyamoto et al			
JM	AK	4,780,852	10/1988	Kajigaya et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JM	AL	63-299409	12/6/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AM	63-64694	3/23/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AN	57-82285	5/22/82	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AO	56-105389	8/21/81	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AP	63-282994	11/18/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

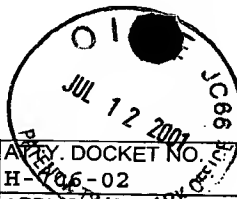
EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPP. DOCKET NO.
H-406-02SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
JM	AA	4,837,460	6/6/89	Uchida			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JM	AL	63-308792	12/16/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AM	61-217986	9/27/86	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AN	63-94499	4/25/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AO	63-308791	12/16/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AP	61-158094	7/17/86	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

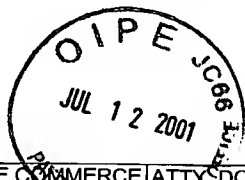
EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 706-02	SERIAL NO. 09/864,338
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT J. Etoh et al	
		FILING DATE 5/25/01	GROUP 2818

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

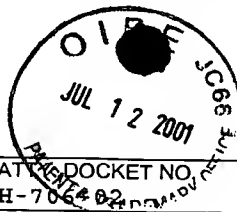
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JM	AL	62-208496	9/12/87	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AM	01-105391	4/21/89	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AN	01-149292	6/12/89	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AO	01-149293	6/12/89	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
JM	AP	60-45997	3/12/85	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER SON MAI	DATE CONSIDERED 08-07-02
---------------------	-----------------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 6 of 9FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.
H-706402SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>ju</i>	AL	62-112357	5/23/87	Japan	_____	_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ju</i>	AM	62-119958	6/1/87	Japan	_____	_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ju</i>	AN	62-183161	8/11/87	Japan	_____	_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ju</i>	AO	53-12280	2/3/78	Japan	_____	_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ju</i>	AP	56-130894	10/14/81	Japan	_____	_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

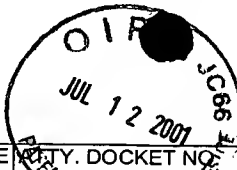
EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEPAT. DOCKET NO.
H-96-02SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ju	AL	63-76007	4/6/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
ju	AM	58-108089	6/28/83	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
ju	AN	54-158848	12/15/79	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
ju	AO	56-159892	12/9/81	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
ju	AP	63-086559	4/16/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 8 of 9FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.
H-7551-02SERIAL NO.
09/864,338**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Jm</i>	AL	58-070482	4/26/83	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Jm</i>	AM	62-015910	1/24/87	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Jm</i>	AN	63-037716	2/18/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Jm</i>	AO	10-369011	03/27/01	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Jm</i>	AP	58-211391	12/8/83	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-706-02SERIAL NO.
09/864,338LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
J. Etoh et alFILING DATE
5/25/01GROUP
2818

JUL 12 2001 U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SM	AL 53-133331	9/1/81	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
SM	AM 63-229848	9/26/88	Japan			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AN					<input type="checkbox"/>	<input type="checkbox"/>
	AO					<input type="checkbox"/>	<input type="checkbox"/>
	AP					<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER

SON MAI

DATE CONSIDERED

08-07-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.